

Climatological Data for February, 1910.
DISTRICT No. 9, COLORADO VALLEY,
FREDERICK H. BRANDENBURG, District Editor.

GENERAL CLIMATOLOGICAL CONDITIONS.

The month, as a whole, was dry and cold, with an excess of sunshine. The changes in temperature were frequent and strongly marked, while in the mountain districts there were many high winds. The deficiency in precipitation, although general, was greatest in the south, where the winter has been decidedly dry.

TEMPERATURE.

The mean of all stations reporting was 35.0° , or 1.5° below the normal. A deficiency was general, except in south-central Arizona. On account of the deficient cloudiness, nocturnal radiation was rapid; the resulting drainage of cold air into the valleys caused remarkable local deficiencies in temperature, the mean at Gunnison, Colo., being 10.1° below the normal. Very decided deficiencies also occurred in the Green River Basin in northern Utah. By subdivisions the means and departures were: Western Wyoming, 10.3° , -1.7° ; western Colorado, 20.3° , -2.9° ; eastern Utah, 27.3° , -1.6° ; western New Mexico, 36.5° , -1.4° ; Arizona, 47.9° , -0.8° . The highest local monthly mean was 60.0° at Mohawk Summit, Ariz., and the lowest, 4.0° , at Eden, Wyo., and at Gunnison, Colo. The first day of the month was warm, but from the 2d to 10th the temperatures were below the normal; the minimum for the month, -37° , occurred at Eden, Wyo., on the 4th. The temperature rose steadily from the 10th to the 14th, when the highest readings of the month were recorded at many stations. From the 14th to the 17th the temperature fell rapidly; in the central and southern parts of the district the 17th was the coldest day of the month. The cold wave of the 17th was noteworthy for the absence of the usual inversion in temperature; the minimum at Corona, Colo., the highest station reporting, was as low as any observed on that day. After the 17th the temperature rose gradually, reaching the normal on the 22d, and remaining above the normal until the close of the month. The highest local maximum, 90° , occurred at Fort Mohave, Ariz., on the 28th.

PRECIPITATION.

The precipitation was deficient in almost all parts of the district, the Gunnison Valley alone receiving nearly the usual snowfall for February. In southern Arizona the month was practically rainless; the average for the Gila Valley was more than an inch below the normal. The mean of all the stations reporting was 0.62 inch, or 0.84 inch less than the average for February. By watersheds the means and departures were: Green, 1.31 inch, -0.20 inch; Grand, 1.26 inch, -0.44 inch; San Juan, 1.28 inch, -0.36 inch; Little Colorado, 0.36 inch, -0.98 inch; Gila, 0.08 inch, -1.17 inch; lower Colorado, 0.24

inch, -0.69 inch. The greatest monthly amount was 6.70 inches at Strawberry Valley, Utah. About 30 stations in the extreme south reported no precipitation. At the close of the month 117 stations in Colorado, having an average elevation of 8,600 feet, showed a mean depth of 34.6 inches of snow. Although the depth is less than the average, the condition of the snow is favorable to gradual melting. The number of days with precipitation ranged from none at many of the southern stations to 17 at Gladstone in the San Juan Mountains. Precipitation was most widely distributed on the 2d, although the amounts were small; during the remainder of the month it was confined largely to the northern half of the district. From the 4th to 7th there was practically no precipitation; on the 8th and 14-15th light snow was general in Colorado and the adjacent region. The heaviest snowfall occurred from the 18th to the close of the month; at the higher stations snow fell almost every day during this interval.

RIVERS.

The warm weather at the close of the month caused a moderate rise in the Green and the Grand. Construction work was interrupted at the Shoshone Dam and elsewhere, but little damage was reported.

MISCELLANEOUS.

The sunshine was about 10 per cent above the normal. Grand Junction reported 75; Durango, 72; Flagstaff, 86; Phoenix, 91, and Yuma, 92 per cent of the possible.

The wind movement was about normal at the lower levels and above the normal in the mountains. There was much drifting of the snow, with temporary blockades on some of the passes. The gale of the 14th was especially strong.

SNOWFALL IN THE MOUNTAINS OF COLORADO.

In general, the snowfall during February was less than the average, and much less than for the corresponding month last year. There were a number of sharp changes in temperature, the alternate warm and cold spells being very favorable for settling and solidifying the old snow.

As compared with the usual depth at the close of February, a deficiency is noted for the tributaries of the Grand rising on the slopes of the Continental Divide, and about the average for the more westerly part of the drainage area. More uniformity is noted on the watershed of the Gunnison, the majority of the reports showing the average, or somewhat more than the average. For the Yampa and White a deficiency has been the rule. For the San Miguel, Dolores, and the San Juan the depths are less than usual; in the main the snow fell early in the season and is well settled.

TABLE 1.—Climatological data for February, 1910. District No. 9, Colorado Valley.

Stations.	Counties.	Elevation, feet.	Length of record, yrs.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.		
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall unmeasured.	Number of rainy days, 0.1 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
<i>Wyoming.</i>																				
Daniel.	Uinta.	6,740	11	8.6	-3.5	40	14†	-35	3	52	1.00	-0.28	0.30	10.0	5	8	19	1	nw.	J. M. Van Dervort.
Dixon.	Carbon.																		Chas. Spillman.	
Eden.	Sweetwater.	6,577	2	4.0		37	14	-37	4	48	0.15		0.10	1.5	2	10	7	11	n.	Eden Valley L. and I. Co.
Green River.	do.	6,083	5	17.7	-3.2	50	14	-20	4	35	0.30	-0.37	0.13		5	13	7	8	w.	Geo. H. Maxon.
Kendall.	Fremont.	7,030																	Art. Doyle.	
Pinedale.	do.	7,167	4	10.8		41	28	-27	3†	42	0.46		0.20	6.0	4	14	12	2	nw.	U. S. Forest Service.
Rambler.	Carbon.	9,232																	J. C. Fothergill.	
<i>Colorado.</i>																				
Ashcroft.	Pitkin.	9,483	8	14.4		41	1	-24	17	43	1.76		0.35	26.0	12				Dan McArthur.	
Breckenridge.	Summit.	9,536	20	12.8	-3.7	41	24	-23	4†	54	1.63	-1.21	0.70	19.1	8	3	11	14	nw.	Mrs. J. G. Thompson.
Cascade§.	San Juan.	8,900	4																San Juan P. and W. Co.	
Chromo.	Archuleta.	7,500	4																Lawrence Nolan.	
Cochetopa.	Saguache.	9,088																	Bessie McDonough.	
Collbran.	Mesa.	6,000	17	25.6		50	14	-7	17	33	0.59	-0.62	0.35	13.0	6	11	8	sw.	A. A. Wood.	
Columbine.	Routt.	8,766																	Geo. W. Wade.	
Columbine Ranch.	Delta.	6,925																	U. S. Weather Bureau.	
Corona.	Grand.	11,660	3	5.1		30	14	-30	17†	35	4.42		0.76	50.4	16				C. W. Roe.	
Crawford (near).	Montrose.	6,600		24.8		50	24	-8	17	34	0.85		0.27	18.0	10	15	9	4	Charles L. Ross.	
Crested Butte.	Gunison.	8,867		13.1		38†	15†	-29	17	50†	2.85		0.57	39.0	10	12	5	11	E. M. Getta.	
De Beque.	Mesa.	4,935		28.0		60	15	-1	6	46			1.35	0.40	15.0	8	3	14	11	Harry T. Hamilton.
Delta.	Delta.	4,965	19	32.1	+1.1	63	15	12	6†	39	0.02	-0.55	0.02	0.2	1	19	3	6	Geo. R. Simmons, Jr.	
Dillon.	Summit.	8,800	1															U. S. Weather Bureau.		
Dolores.	Montezuma.	6,500	1	29.6		57	22†	5	22	52	0.46		0.18	7.9	3	17	6	5	J. M. Wittman.	
Durango.	La Plata.	6,554	17	27.1	-2.8	53	14	-2	17	30	0.98	-0.52	0.39	10.4	7	10	12	6	San Juan P. & W. Co.	
Eagle.	Eagle.	6,598	5	21.3		48	14	-16	17	47	0.50		0.20	9.0	5	14	9	5	L. D. C. Gaskill.	
Eureka§.	San Juan.	10,000	3																J. B. Willcox.	
Fraser.	Grand.			10.6		43	15	-30	4†	64	0.60		0.20	7.4	5	11	9	8	San Juan P. & W. Co.	
Fruita.	Mesa.	4,510	11	27.4	-4.4	52	28	2	6	33	0.35	-0.60	0.19	3.9	4	13	10	5	E. A. O'Neil.	
Gladstone §.	San Juan.	10,400	3																U. S. Weather Bureau.	
Glenwood Springs (near).	Garfield.	5,823	12	25.5	-1.3	49	24	-3	17	44	0.67	-0.17	0.23	13.0	5	11	10	7	B. M. Krumpitzky.	
Grand Junction.	Mesa.	4,608	19	31.0	-0.5	57	14	11	17	31	0.14	-0.49	0.10	1.2	4	12	11	5	Homer Harrington.	
Grand Lake.	Garfield.	8,153	2															William D. Lillard.		
Grand Valley.	Saguache.	5,039	18	28.0	-1.9	53	28	-2	6	44	0.53	-0.47	0.24	7.5	8	10	11	7	David Evans.	
Gunison.	Mesa.	7,670	17	4.0	-10.1	39	12	-34	6	44	0.96	+0.21	0.23	15.8	9	4	17	7	Clarence Adams.	
Hayden.	Routt.	6,337	1															C. W. Harkness.		
Hooperus.	La Plata.	8,870	11															John S. Spear.		
Horseshy.	Montrose.	8,700																L. J. Finch.		
Ironton.	Ouray.	10,000																P. H. Foley.		
Kremmling (near).	Grand.	7,337	2	16.2		47	14	-23	6	46	1.02		0.30	12.5	12	8	7	13	H. A. Howe.	
Lake City.	Hinsdale.	8,686	5	16.2		50	14	-19	17	44	1.11		0.27	15.1	11	11	9	9	J. F. Maurer.	
Lay.	Routt.	6,190	16	16.6	-3.3	49	14	-25	5	54	0.75	-0.47	0.20	11.0	7	12	4	12	A. G. Wallihan.	
Leal.	Grand.	8,750																L. J. Wade.		
Lujane.	Montrose.	6,620	4	26.8		53	14	-8	17	44	0.39		0.13	11.0	7	11	14	3	U. S. Reclamation Service.	
Mancos.	Montezuma.	6,960	11	26.6	-3.9	55	14	-5	17	43	1.42	-0.12	0.77	18.5	6	12	4	4	B. M. Krumpitzky.	
Marble.	Garfield.	7,951	1	20.8		50	24	-25	17	51	1.86		0.36	47.0	18	10	9	9	Homer Harrington.	
Marshall Pass.	Saguache.	10,846	7															William D. Lillard.		
Meeker.	Rio Blanco.	6,182	18	22.2	-1.8	52	14	-14	4	48	0.78	-0.37	0.25	11.5	9	10	11	7	R. Butterfield.	
Monrose (near).	Monrose.	5,811	21	28.8	-2.5	54	14	-2	17	35	0.12	-0.60	0.12	T.	1	12	10	6	Arthur Hanthorn.	
Nast.	Pitkin.	7,953		14.0		40	13†	-30	17	43	1.81		0.45	22.8	8	10	9	9	Shaw Brothers.	
Pagoda.	Routt.	6,500	19	23.4	+0.9	65	14	-15	17	49	2.35	+0.43	0.80	30.0	7	16	3	8	E. T. Walker.	
Pagosa Springs.	Archuleta.	7,108	3	17.0		49	24	-30	17	65	0.82		0.27	10.5	7	12	7	9	J. M. Underwood.	
Paonia.	Delta.	5,694	15	28.8		52	24	-2	17	34	1.64	+0.36	0.66	16.3	6	7	17	4	F. A. Field.	
Parshall.	Grand.	1																Mrs. Maggie Cammann.		
Pitkin.	Gunnison.	9,500	1															Mrs. C. P. Hill.		
Rangely.	Rio Blanco.	5,050	11	14.2	-6.2	49	14	-22	4	54	0.89	+0.09	0.32	13.6	5	9	5	14	Dorothea Greiner.	
Redcliff.	Eagle.	8,686	15															Clinton B. Smith.		
Rico.	Dolores.	8,824	8															U. S. Reclamation Service.		
River Portal.	Montrose.	6,570	4	23.0		53	28	-10	16	33	0.87		0.24	8.1	8	17	4	7	W. F. Irving.	
Sapinero.	Gunnison.	8,125	8	14.3		42	14	-16	17	31	2.77		0.39	40.9	16	10	5	13	Central Colo. Power Co.	
Shoshone.	Garfield.	6,110																W. S. Park.		
Silt.	do.	5,441	13															A. P. Root, Jr.		
Silverton (1).	San Juan.	9,285	6	16.6		49	11†	-24	17	61	2.46		0.40	25.5	13	13	0	15	San Juan P. & W. Co.	
Silverton (near) §.	do.	9,400	3	14.5		45	13	-23	17	48	1.87		0.30	24.0	10	7	10	11	Do.	
Spruce Lodge.	Grand.	9,600	2															Do.		
Steamboat Springs.	Routt.	6,683	7	16.2		52	14	-29	4	54	3.53		1.05	33.5	6	21	2	5	M. E. Houston.	
Tacoma §.	La Plata.	7,300	3	22.8		47	14	-6	17	38	0.84		0.39	32.0	6	15	4	9	San Juan P. & W. Co.	
Terminal Dam §.	do.	8,300	3															Do.		
Montrose.	Routt.	8,400																Martin Esser.		
Whitepine.	Gunnison.	9,500	10	11.4		41	14	-28	16	43	1.87		0.50	32.0	5	13	4	11	C. E. Macy.	
Yampa.	Routt.	8,000	1															Percy A. Hughes.		
Baker.	San Juan.	7,560	1															Maude A. Palmer.		
Basin.	Grand.	9,500	1															E. H. Wolf.		
Castle Dale.	Emery.	5,500	11	14.3		50†	28	-26	9	49	0.70		0.40	2	9	15	04	James Jeffs.		
Emery.	do.	6,260	10	26.3		53	26	-4	4	49	0.20		0.20	2	1	0	7	H. C. Wickman.		
Escalante.	Garfield.	5,700	10	29.0		64	28	-4	4	41	1.00		0.75		2	19	0	9	Geo. H. Barney.	
Fort Duchesne.	Uinta.	5,000	22	11.9	-7.4	50	28	-21	6	42	0.44	+0.01	0.15	4.4	4	18	5	5	B. F. Mudd.	
Grayson.	San Juan.	5,750	6	29.6		55	14†	2	17	36	0.70		0.50	6.0	2	21	2	5	Joseph A. Lyman.	
Green River.	Em																			

TABLE 1.—Climatological data for February, 1910. District No. 9—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, yrs.	Temperature, in degrees Fahrenheit.				Precipitation, in inches.				Number of rainy days, 0.1 inch or more.	Number of clear days.	Number of cloudy days.	Prevailing wind direction.	Observers.				
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall unmeasured.						
<i>Utah—Cont'd.</i>																				
Vernal.	Uinta.	5,050	15	16.9	- 6.5	47	28	- 6	6†	37	0.01	- 0.64	0.01	1.5	1	18	4	6	Joab Collier.	
<i>New Mexico.</i>																				
Alma.	Socorro.	5,500	11	41.8*	+ 0.5	74*	24	5*	17	51*	T.	- 0.84	T.	0.0	0	12	13	3	sw.	
Aragon.	do.	5,856	3	31.6	-	66	28	- 16	3	52	0.60	- 0.25	6.5	2	17	8	3	sw.		
Blackrock.	McKinley.	6,500	2	35.2	-	63	14	- 7	17	40	0.25	-	0.25	4.0	1	17	8	3	w.	
Bloomfield.	San Juan.	5,500	15	31.9	- 1.2	66	14	0	17	43	0.23	- 0.39	0.17	3.8	4	0	22	6	3	sw.
Cambray.	Luna.	4,215	11	-	-	74	25	7	17	-	0.00	- 0.51	0.00	0.0	1	20	2	6	w.	
Columbus.	do.	4,054	-	-	-	80	13	10	18	58	0.00	- 0.50	0.00	0.0	0	17	5	6	nw.	
Deming.	do.	4,333	33	44.8	-	48	28	- 21	17	54	1.39	- 0.35	0.39	18.1	8	11	11	6	w.	
Dulce.	Rio Arriba.	6,767	12	20.0	- 4.4	73	27	4	18	47	T.	- 0.96	T.	0.0	0	2	11	9	8	sw.
Fort Bayard.	Grant.	6,152	35	42.4	+ 1.8	73	27	4	18	47	T.	- 0.96	T.	0.0	0	14	15	3	sw.	
Fort Wingate.	McKinley.	6,907	46	33.0	- 1.6	60	14	6	3	37	0.27	- 1.16	0.25	2.7	2	11	9	8	sw.	
Fruitland.	San Juan.	4,800	17	33.3	- 1.6	64	14	7	4	42	0.22	- 0.43	0.14	2.5	3	20	6	2	nw.	
Gage.	Luna.	4,486	3	46.8	-	73	14	10	17	44	0.00	- 0.53	0.00	0.0	0	20	7	1	w.	
Gila (near).	Grant.	4,470	11	41.9*	- 2.7	78	24	9	17	56*	0.00	- 0.80	0.00	0.0	0	20	8	0	sw.	
Hachita.	do.	4,504	-	-	-	-	-	-	-	-	0.14	- 0.14	0.0	0.0	2	17	9	2	sw.	
Haynes.	Rio Arriba.	6,600	-	-	-	-	-	-	-	-	1.54	- 0.80	15.4	7	22	4	2	nw.		
Hermanas.	Luna.	4,451	-	-	-	-	-	-	-	-	0.09	- 0.09	0.0	1	24	3	1	sw.		
Lordsburg.	Grant.	4,245	10	44.4	- 2.0	76	24	12	17	49	0.00	- 0.47	0.00	0.0	0	18	9	1	sw.	
Luna (near).	Socorro.	7,300	5	31.5	-	64	24	- 6	17	49	0.07	-	0.07	1.0	1	15	12	1	e.	
Maneuelito.	McKinley.	6,233	5	33.0	-	64	14†	- 1	17	51	T.	-	T.	0	0	14	7	7	e.	
Mimbres.	Grant.	5,007	5	-	-	-	-	-	-	-	0.13	-	0.13	1	22	5	1	nw.		
Pratt.	do.	4,415	-	-	-	-	-	-	-	-	-	-	-	0.0	0	23	5	0	w.	
Putnam.	San Juan.	6,200	-	-	-	-	-	-	-	-	0.02	-	0.02	T.	1	19	8	1	w.	
Redrock.	Grant.	4,150	5	-	-	-	-	-	-	-	0.00	-	0.00	0.0	0	20	8	0	sw.	
Rodeo.	do.	4,118	-	-	-	-	-	-	-	-	0.00	-	0.00	0.0	0	20	8	0	sw.	
Ross.	Rio Arriba.	6,000	5	-	-	-	-	-	-	-	0.13	-	0.04	4	16	7	5	sw.		
<i>Arizona.</i>																				
Allaire Ranch.	Cochise.	4,184	14	-	-	-	-	-	-	-	0.00	- 0.79	0.00	0.0	0	22	1	5	w.	
Arizona Canal Dam.	Maricopa.	1,372	15	54.4	- 1.8	83	24	29	17†	39	T.	- 1.18	T.	0.0	0	20	1	1	sw.	
Aztec.	Yuma.	492	12	53.2	- 4.0	86	28	23	17	48	0.00	- 0.76	0.00	0.0	0	25	0	3	n.	
Benson.	Cochise.	3,523	28	48.8	- 1.7	84	24	10	17	52	0.00	- 0.63	0.00	0.0	0	14	13	1	e.	
Bisbee.	do.	5,500	20	45.8	- 1.2	71	24	18	17	31	0.15	- 1.14	0.15	0.0	1	24	2	2	w.	
Bonita.	Graham.	4,916	-	-	-	-	-	-	-	-	0.00	- 1.09	0.00	0.0	0	24	2	2	sw.	
Bowie.	Cochise.	3,756	33	49.0	+ 1.2	79	24	13	17	42	0.00	- 1.52	0.00	0.0	0	21	0	7	w.	
Buckeye.	Maricopa.	980	17	52.6	- 2.4	83	24	20	17†	50	0.00	- 0.77	0.00	0.0	0	26	2	0	e.	
Canville.	Santa Cruz.	5,225	1	-	-	-	-	-	-	-	0.00	-	0.00	0.0	0	14	13	1	sw.	
Casa Grande.	Pinal.	1,398	28	59.6	+ 3.9	87	25	25	18	49	0.00	- 0.62	0.00	0.0	0	27	1	0	sw.	
Cave Creek.	Maricopa.	1,520	3	51.5	-	82	24	20	18	48	0.00	-	0.00	0	26	2	0	sw.		
Chin Lee.	Apache.	6,000	2	34.2	-	64	14	2	17	43	0.27	-	0.27	2.2	1	15	7	6	n.	
Clarsions Mill.	Graham.	8,000	3	38.1	-	65	24	9	17	34	0.30	-	0.30	3.0	1	19	9	0	sw.	
Clifton.	Graham.	3,594	19	50.2	-	77	25	22	17	40	T.	- 1.24	T.	0.0	0	25	3	0	sw.	
Cline.	Gila.	2,300	10	50.0	- 0.2	79	28	20	18	45	0.05	- 1.59	0.05	0.0	0	19	8	1	sw.	
Cochise.	Cochise.	4,219	11	49.0	+ 2.3	78	24†	17	17	44	T.	- 1.27	T.	0.0	0	23	5	0	e.	
Columbia.	Yavapai.	1,900	11	56.0	+ 2.2	86	28	30	21†	40	0.00	- 2.16	0.00	0.0	0	22	6	0	se.	
Congress.	do.	3,688	14	51.0	- 1.7	75	24	27	17	26	T.	- 1.51	T.	0.0	0	21	6	1	sw.	
Courtland.	Cochise.	4,543	1	-	-	-	-	-	-	-	0.00	-	0.00	0.0	0	20	7	1	w.	
Dos Cabezos.	do.	5,250	2	43.2	-	74	24	14	17†	46	0.00	-	0.00	0.0	0	20	6	2	sw.	
Douglas.	do.	3,930	7	49.4	-	85	24	12	17	55	0.20	-	0.20	0.0	1	20	6	2	sw.	
Dudleyville.	Pinal.	2,204	-	-	-	-	-	-	-	-	-	-	-	0.0	0	20	7	1	sw.	
Fairbank.	Cochise.	3,863	1	-	-	-	-	-	-	-	0.00	-	0.00	0.0	0	24	2	2	sw.	
Flagstaff (1).	Coconino.	6,907	18	29.0	- 1.8	58	24	- 12	3	42	0.88	- 2.40	0.84	11.4	3	12	10	6	sw.	
Florence.	Pinal.	1,504	11	54.0	+ 0.2	85	27	22	18	50	0.00	- 0.66	0.00	0.0	0	23	1	5	e.	
Fort Apache.	Navajo.	5,200	39	39.8	- 0.1	75	24	6	17	51	0.07	- 2.12	0.07	0.0	1	21	6	1	sw.	
Fort Huachuca.	Cochise.	5,100	25	50.2	+ 3.0	79	24	20	17	41	0.00	- 1.13	0.00	0.0	0	28	0	0	se.	
Fort Mohave.	Mohave.	604	39	56.5	- 0.1	90	28	24	17	45	0.00	- 0.93	0.00	0.0	0	23	5	0	sw.	
Gilabend.	Maricopa.	737	19	55.4	- 1.3	85	24†	23	17	45	0.00	- 0.76	0.00	0.0	0	24	4	0	sw.	
Globe.	Gila.	3,525	9	48.2	-	84	24	20	17	42	0.07	-	0.07	0.0	1	14	14	0	nw.	
Grand Canyon.	Coconino.	6,866	7	-	-	-	-	-	-	-	-	-	-	0.00	0	24	4	0	sw.	
Great.	Apache.	9,300	6	-	-	-	-	-	-	-	0.60	-	0.30	6.0	4	16	4	3	a.	
Hereford.	Cochise.	4,180	1	-	-	-	-	-	-	-	0.05	-	0.05	1.5	3	23	4	1	sw.	
Holbrook.	Navajo.	5,069	21	38.4	- 0.7	70	27	5	17	47	0.16	- 0.48	0.08	0.0	0	23	5	0	ne.	
Intake.	Gila.	2,230	3	-	-	-	-	-	-	-	0.00	-	0.00	0.0	0	23	5	1	sw.	
Jerome.	Yavapai.	4,743	13	45.4	- 1.4	71	28	20	17	32	0.24	- 1.76	0.24	0.0	1	22	5	1	sw.	
Keams Canyon.	Navajo.	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0	23	5	1	sw.	
Kingman.	Mohave.	3,326	8	-	-	-	-	-	-	-	-	-	-	0.00	0	14	13	1	sw.	
Lewis Springs.	Cochise.	4,029	1	-	-	-	-	-	-	-	0.03	-	0.03	0.0	1	13	15	0	se.	
Maricopa.	Pinal.	1,186	33	56.0	+ 0.8	85	13	26	3	45	0.00	- 0.70	0.00	0.0	0	21	2	1	w.	
Mesa.	Maricopa.	1,244	14	54.4	- 0.4	89	28	26	17	53	0.00	- 0.93	0.00	0.0	0	19	9	0	se.	
Mohawk Summit.	Yuma.	538	9	60.0	- 0.9	87	25	38	3†	37	0.00	-	0.00	0.0	0	23	0	0	e.	
Naco.	Cochise.	4,579	1	-	-	-	-	-	-	-	0.04	-	0.04	0.0	1	24	3	1	sw.	
Natural Bridge.	Gila.	4,990	21	49.8	-	88	28	20	16†	56	0.00	- 2.07	0.15	1.0	2	17	11			

TABLE 1.—*Climatological data for February, 1910. District No. 9—Continued.*

Stations.	Counties.	Elevation, feet.	Length of record, yrs.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.		
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall unmeted.	Number of rainy days, 0.1 inch or more.	Number of partly cloudy days.	Number of cloudy days.			
<i>Arizona—Cont'd.</i>																				
Thatcher.	Graham.	2,800	7	46.3	.....	77	14†	12	17	50	0.10	.....	0.10	0.0	1	10	18	0	nw.	Prof. J. H. Larson.
Tombstone.	Cochise.	4,550	11	48.4	— 0.8	77	24	10	16	39	0.00	— 0.91	0.00	0.0	0	22	6	0	.....	F. N. Walcott.
Truxton.	Mohave.	4,197																	E. B. Atkinson.	
Tuba.	Coconino.	4,500	12	36.8	— 1.8	65	14	11	3†	41	0.53	+ 0.04	0.30	5.3	3	4	18	6	ne.	G. H. Kraus.
Tucson.	Pima.	2,390	30	50.1	— 3.3	82	24	19	17†	52	T	— 0.91	T	0.0	0	1	25	2	nw.	University of Arizona.
Vail.	do.	3,421	11	49.4	— 6.6	80	24	15	17	48	0.10	— 0.84	0.10	0.0	1	23	5	0	w.	Southern Pacific Co.
Walnut Grove.	Yavapai.	3,649	18								0.02	— 1.48	0.02	0.0	1	22	6	0	.....	J. O. Carter.
Wickenburg.	Maricopa.	2,072																	Santa Fe, Pres't & Phoenix	
Willcox.	Cochise.	4,164	28	43.4	— 2.4	75	21†	12	18	51	0.00	— 0.89	0.00	0.0	0	11	1	16	s.	Southern Pacific Co.
Williams.	Coconino.	6,750	8	34.2	.....	63	24	— 4	3	38	0.70	.....	0.35	7.0	3	12	12	4	sw.	E. J. Nordyke.
Winslow.	Navajo.	4,853	5	37.0	.....	70	28	5	17	49	0.40	.....	0.25	4.0	3	16	5	7	.....	J. F. Bauer.
Yarnell.	Yavapai.	4,700	13								0.00	— 2.31	0.00	0.0	0	7	21	0	n.	E. L. Bartholomew.
Yuma.	Yuma.		141	57.1	— 2.1	86	28	30	18	40	0.00	— 0.60	0.00	0.0	0	27	1	0	n.	U. S. Weather Bureau.
<i>Nevada.</i>																			Salt Lake Route.	
Las Vegas.	Clark.			46.6	.....	76	14	10	17	56	0.00	.....	0.00	0.0	0	12	14	2	se.	Ray M. Filcher.
	do.			47.2	.....	76	28	19	17	44	0.10	.....	0.10	0.0	1	12	9	7	n.	

a, b, c, etc., indicate, respectively, 1, 2, 3, etc., days missing from the record.

* Precipitation included in that of the next measurement.

** Temperature extremes are from observed readings of the dry-bulb; means are computed from observed readings.

† Also on other dates.

‡ Separate dates of falls not recorded.

§ Data are from standard instruments not supplied by the U. S. Weather Bureau.

|| Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

||| Estimated by observer.

||| Precipitation for the 24 hours ending on the morning when it is measured.

1. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 2.—*Daily precipitation for February, 1910. District No. 9, Colorado Valley.*

TABLE 2.—*Daily precipitation for February, 1910. District No. 9—Continued.*

MONTHLY WEATHER REVIEW.

FEBRUARY, 1910

TABLE 3.—Maximum and minimum temperatures at selected stations, February, 1910. District No. 9, Colorado Valley.

Date.	Wyoming.				Colorado.												Utah.												New Mexico.									
	Daniel.		Green River.		Durango.		Grand Junction.				Gunnison.				Steamboat Springs.				Emery.				Fort Duchesne.				Hite.		Moab.				St. George (Experiment station).		Fort Bayard.		Fort Wingate.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.				
1.	31	-5	29	1	46	14	41	14	12	-25	47	2	35	-14	40	8	24	-11	54	20	46	19	61	22	60	30	49	21	60	30	49	21						
2.	23	-13	27	8	32	20	41	25	-8	39	9	27	0	45	6	29	4	45	31	38	25	43	25	47	30	42	23	54	25	47	30	42	23					
3.	16	-35	17	-15	31	10	36	22	20	-17	31	-1	20	-15	40	0	22	-9	39	25	37	26	47	21	54	20	40	6	54	20	40	6						
4.	15	-34	12	-20	40	4	38	16	16	-18	26	-14	22	-29	33	-4	14	-21	35	22	37	14	54	18	48	18	42	10	54	18	48	18						
5.	20	-32	17	-15	41	6	37	16	10	-23	30	-10	23	-26	35	0	19	-17	42	22	39	15	55	21	47	27	46	13	55	21	47	13						
6.	26	-23	24	-11	39	8	36	11	10	-34	30	-9	28	-25	36	3	16	-21	45	21	40	13	55	19	48	25	45	12	55	19	48	12						
7.	26	-20	24	-7	40	8	39	12	-4	-31	40	2	30	-22	40	2	17	-18	51	25	42	21	57	27	49	23	57	27	49	23								
8.	20	-15	28	4	41	15	39	23	18	-19	32	10	25	42	6	22	-7	50	24	45	15	57	23	58	27	45	23	58	27	45	23							
9.	25	-25	29	1	34	4	41	18	10	-30	35	1	31	45	11	20	-17	42	22	42	16	56	24	59	20	39	12	56	24	59	12							
10.	30	-15	32	5	39	6	41	20	17	-25	32	7	20	-1	40	4	24	-7	53	23	45	19	58	21	50	20	36	14	58	21	50	14						
11.	20	-1	32	12	39	9	40	21	24	-17	30	11	29	-2	40	10	28	-1	53	26	50	21	62	24	55	25	45	13	55	25	45	13						
12.	32	9	36	18	47	14	44	20	39	9	39	4	34	18	43	15	30	-7	55	25	54	20	66	23	57	27	49	20	57	27	49	20						
13.	38	10	47	16	46	17	44	22	19	-13	48	28	20	40	9	32	-5	57	27	52	24	69	24	65	35	58	21	65	35	58	21							
14.	40	18	50	25	53	25	57	26	28	-10	52	25	52	11	45	7	30	-12	66	37	62	28	71	23	67	37	60	24	67	37	60	24						
15.	20	7	25	8	42	16	37	22	34	-10	46	6	45	-3	29	0	35	-7	43	30	39	25	59	24	65	32	65	24	65	32	65	24						
16.	11	-28	17	-3	23	4	28	17	14	0	30	4	20	-9	38	7	24	-9	38	23	39	22	41	19	60	20	39	8	60	20	39	8						
17.	10	-30	20	6	26	2	29	11	0	-30	20	7	29	-16	40	10	20	-14	42	17	36	12	47	13	50	14	48	13	50	14	48	13						
18.	24	9	23	11	33	5	35	15	9	-28	28	1	27	-9	42	12	28	-5	43	23	47	18	51	19	51	4	41	8	51	4	41	8						
19.	23	1	24	0	30	12	33	22	10	-16	32	3	25	-11	45	18	29	-5	56	26	42	23	59	24	57	17	39	25	57	17	39	25						
20.	21	-20	27	4	34	7	34	22	25	-7	30	35	9	40	11	30	-6	45	27	43	24	60	20	55	20	55	20	55	20	55	20							
21.	27	-12	29	7	39	22	40	17	30	15	35	0	29	14	46	12	29	-8	55	28	55	23	61	24	57	22	44	26	57	22	44	26						
22.	26	8	26	6	45	20	44	20	25	-10	44	-1	34	6	47	17	38	-2	59	40	56	27	61	24	57	32	48	25	57	32	48	25						
23.	40	1	37	14	43	26	46	29	23	-9	49	15	43	20	47	11	37	-2	59	30	58	26	64	27	58	37	45	25	58	37	45	25						
24.	38	1	43	12	47	21	50	26	26	-14	50	17	43	13	46	18	35	-8	59	30	56	26	62	27	55	26	58	28	55	26	58	28						
25.	40	15	40	21	48	29	49	32	30	-4	46	30	43	21	52	23	40	-5	60	34	58	34	70	26	72	37	55	40	72	37	55	40						
26.	27	-6	32	16	44	28	45	30	35	10	45	25	34	14	53	21	35	5	57	36	58	33	63	35	72	35	58	23	63	35	72	23						
27.	26	4	39	22	47	24	51	31	28	5	42	16	41	10	45	24	39	8	55	33	57	30	68	26	73	36	51	21	73	36	51	21						
28.	38	15	42	27	50	22	54	29	35	5	41	30	41	18	52	32	50	20	64	33	64	31	73	28	70	37	58	23	70	37	58	23						
29.																																						
30.																																						
31.																																						
Mns.	26.3	-9.0	29.6	5.8	40.1	14.1	41.0	21.0	20.2	-12.1	33.8	6.2	32.8	-0.4	42.4	10.2	28.4	-4.6	50.8	27.1	47.8	22.4	58.5	23.5	58.1	26.8	44.6	19.6	58.1	26.8	44.6	19.6						

Date.	Arizona.												Tucson.												Yuma, Nev.				Logan, Nev.							
	Bisbee.				Flagstaff.				Fort Apache.				Grand Canyon.				Parker.				Phoenix.				Prescott.				St. Michaels.				San Carlos.			
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	
1.	56	40	43	19	59	20	.....	75	34	71	40	52	24	46	17	69	24	70	33	75	38	67	27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2.	51	37	28	12	42	31	60	36	54	39	44	25	37	25	64	39	54	39	60	36	55	35	52	35	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3.	49	24	29	12	53	14	64	24	62	28	43	11	29	1	60	29	54	21	60	39	54	34	54	25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
4.	46	26	32	13	55	14	70	28	66	42	48</																									